

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063710.D
 Acq On : 28 Sep 2020 17:09
 Operator : JC/MD
 Sample : L4136-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B26-092420-0-1

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 4:38:07 PM

Quant Time: Sep 29 04:28:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	206664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177814	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	130208	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.06	98	513169	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.38	95	197733	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
Target Compounds						
16) Acetone	3.78	43	14225	12.582	ug/l	96
18) Methyl Acetate	4.28	43	2910m	1.014	ug/l	
20) Methylene Chloride	4.51	84	11023	3.848	ug/l	95
43) Isopropyl Acetate	8.13	43	68265	9.406	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

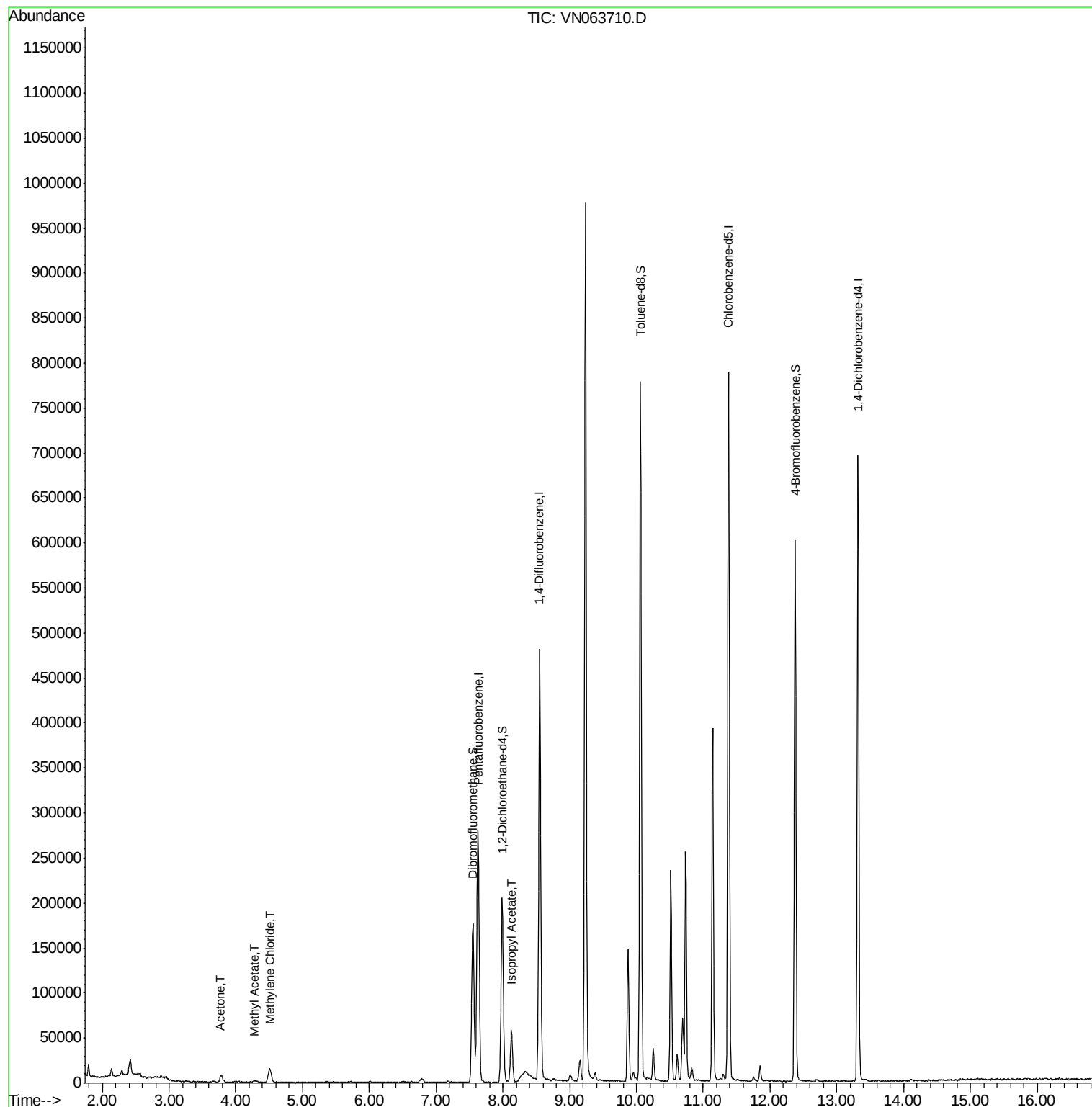
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092820\
Data File : VN063710.D
Acq On : 28 Sep 2020 17:09
Operator : JC/MD
Sample : L4136-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

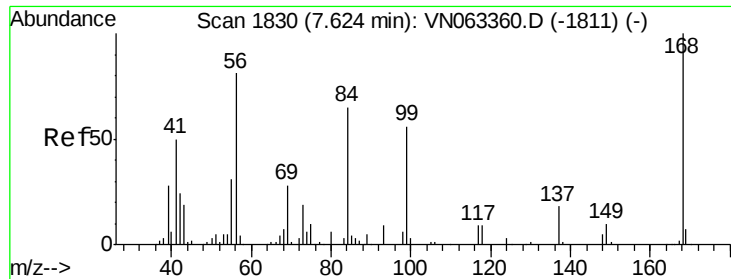
Instrument :
MSVOA_N
ClientSampleId :
PAV-B26-092420-0-1

Manual Integrations
APPROVED

MMDadoda
9/29/2020 4:38:07 PM

Quant Time: Sep 29 04:28:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063710.D

Acq: 28 Sep 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

PAV-B26-092420-0-1

Tot Ion:168 Resp: 206664

Ion Ratio Lower Upper

168 100

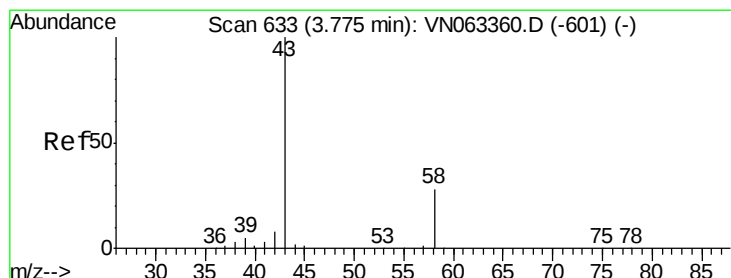
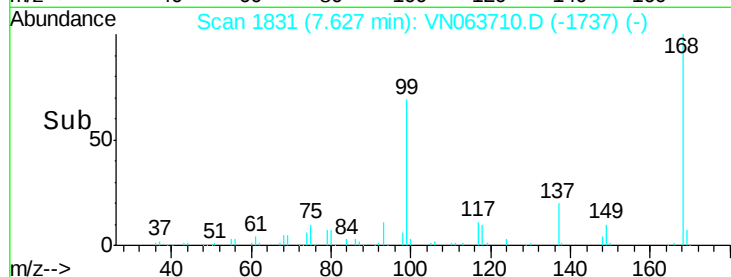
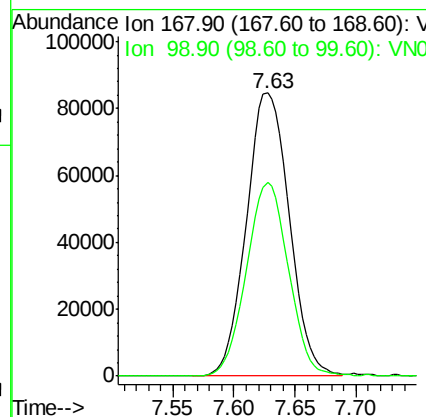
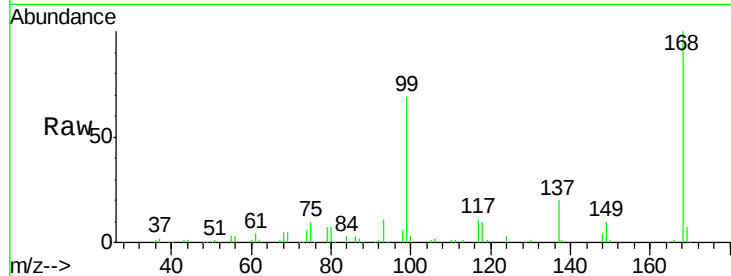
99 68.5 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

9/29/2020 4:38:07 PM



#16

Acetone

Concen: 12.582 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063710.D

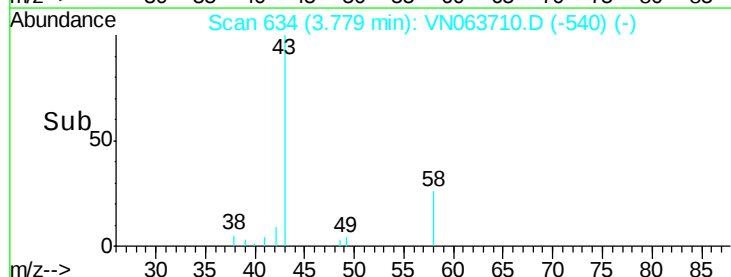
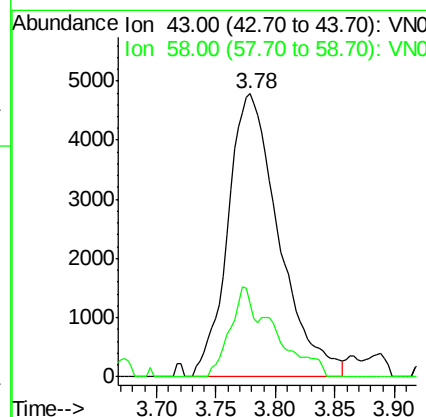
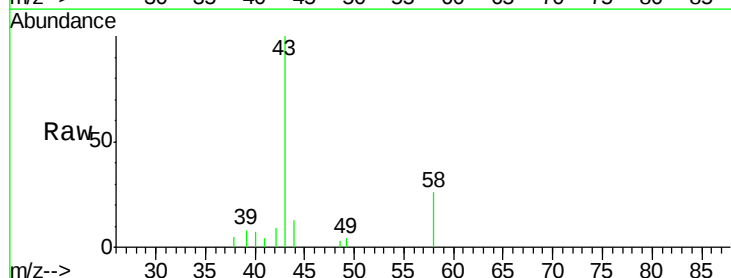
Acq: 28 Sep 2020 17:09

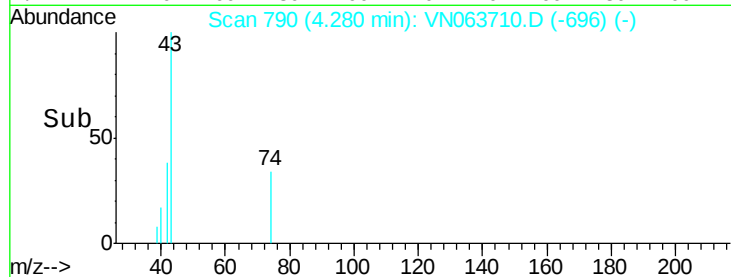
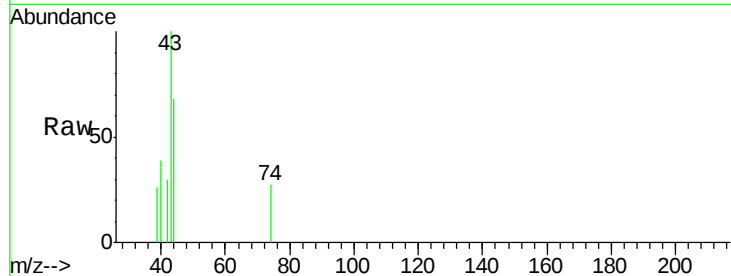
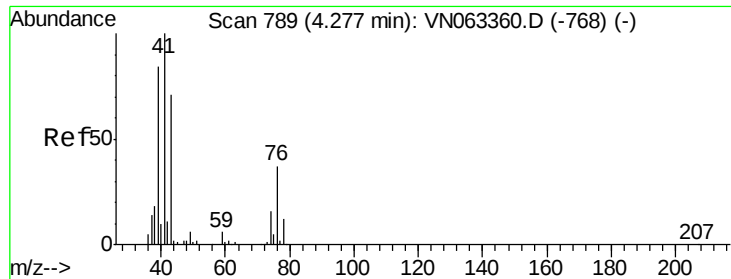
Tgt Ion: 43 Resp: 14225

Ion Ratio Lower Upper

43 100

58 26.0 22.3 33.5





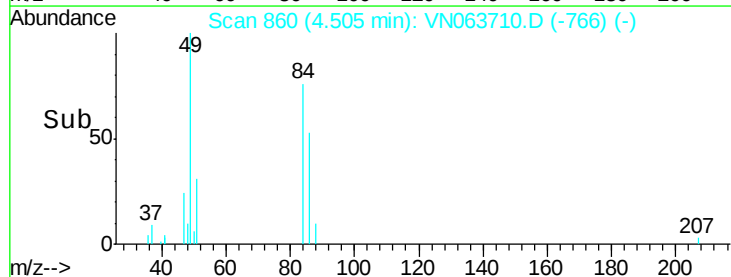
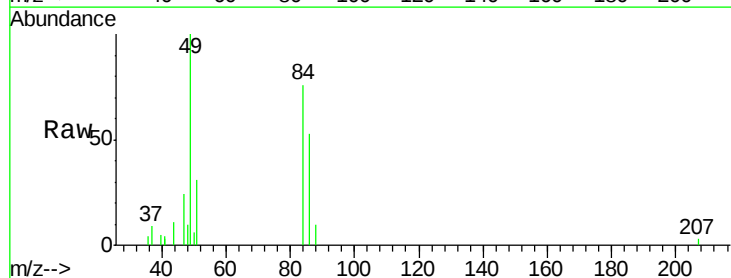
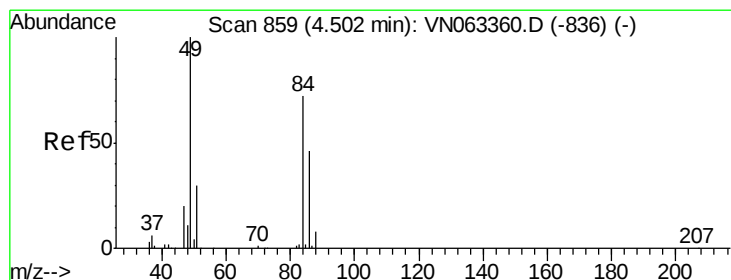
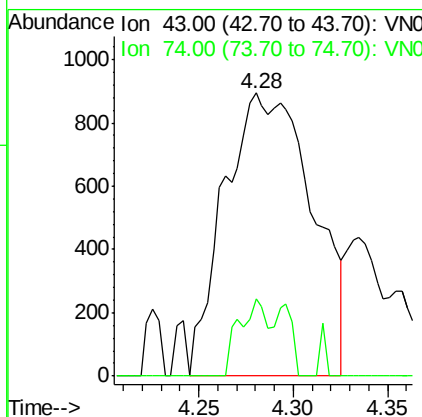
#18
Methyl Acetate
Concen: 1.014 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063710.D
Acq: 28 Sep 2020 17:09

Tot Ion: 43 Resp: 2910
Ion Ratio Lower Upper
43 100
74 8.6 17.4 26.2#

Instrument :
MSVOA_N
ClientSampleId :
PAV-B26-092420-0-1

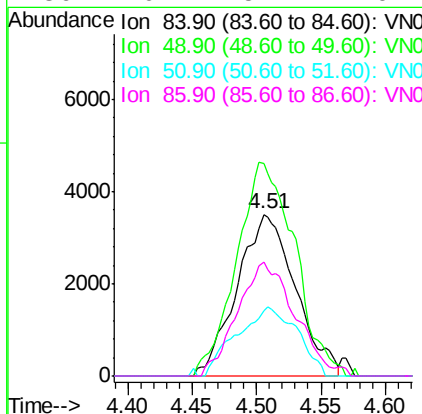
Manual Integrations
APPROVED

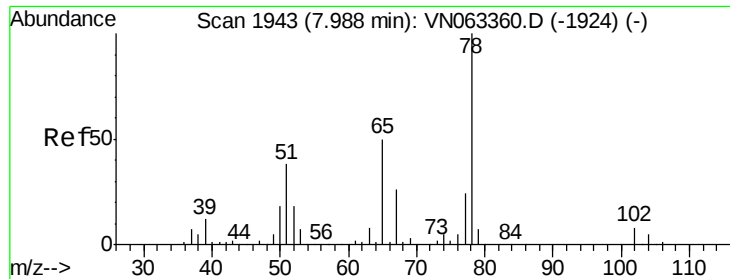
MMDadoda
9/29/2020 4:38:07 PM



#20
Methylene Chloride
Concen: 3.848 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063710.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 84 Resp: 11023
Ion Ratio Lower Upper
84 100
49 131.7 110.7 166.1
51 40.6 32.9 49.3
86 70.4 51.1 76.7





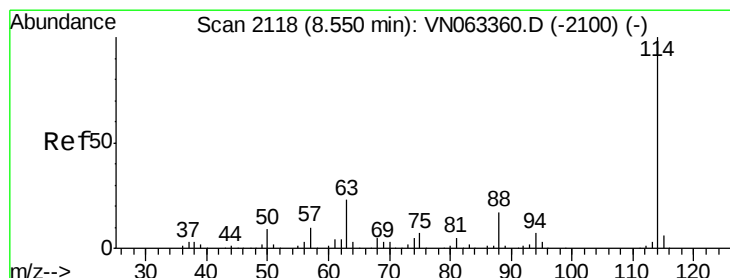
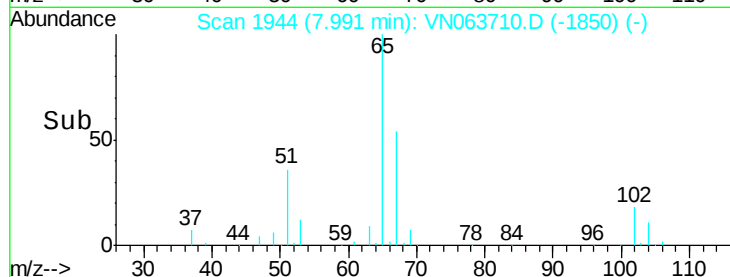
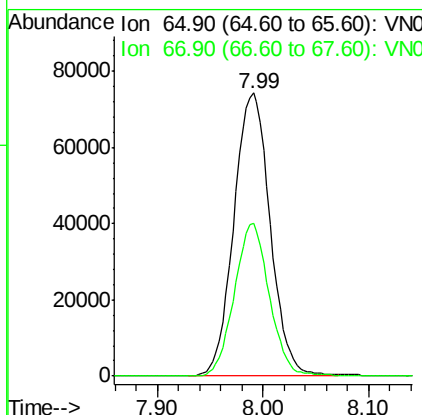
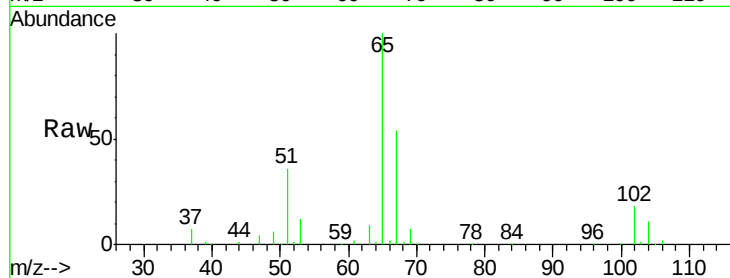
#33
 1,2-Dichloroethane-d4
 Concen: 50.545 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063710.D
 Acq: 28 Sep 2020 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B26-092420-0-1

Tot Ion: 65 Resp: 177814
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2

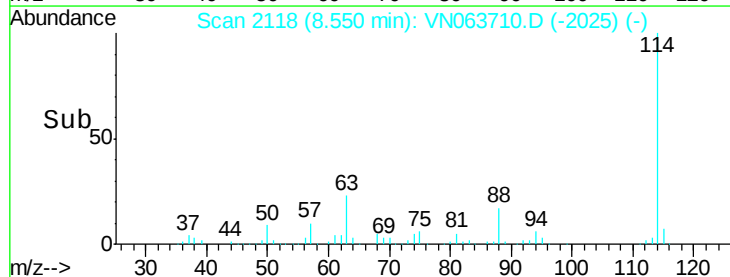
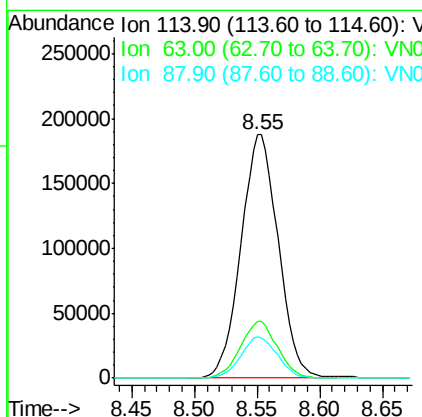
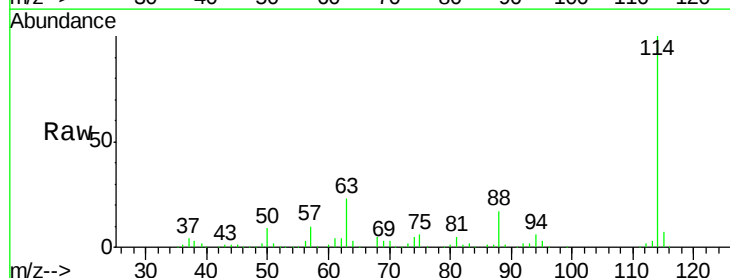
Manual Integrations
 APPROVED

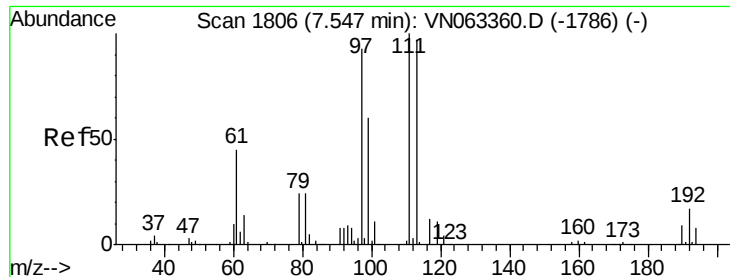
MMDadoda
 9/29/2020 4:38:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063710.D
 Acq: 28 Sep 2020 17:09

Tgt Ion: 114 Resp: 388195
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 17.0 0.0 33.2





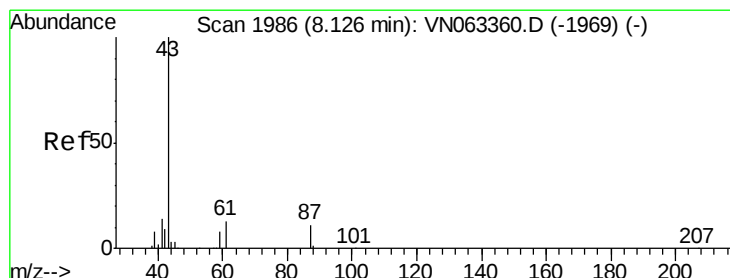
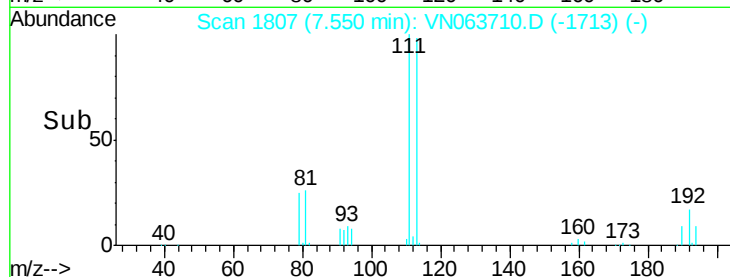
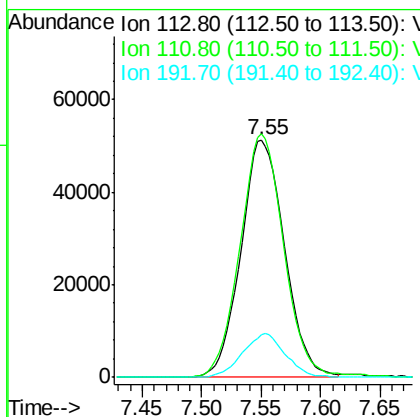
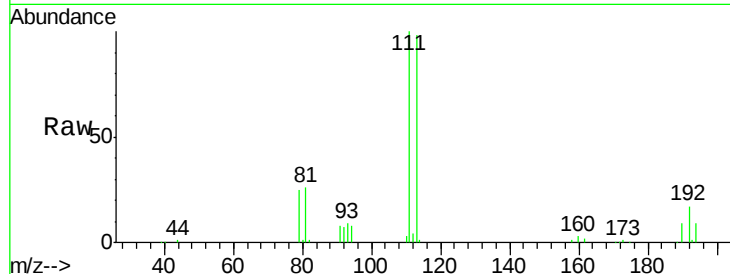
#35
 Dibromofluoromethane
 Concen: 48.451 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063710.D
 Acq: 28 Sep 2020 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B26-092420-0-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	82.9	124.3	
192	18.1	13.9	20.9	

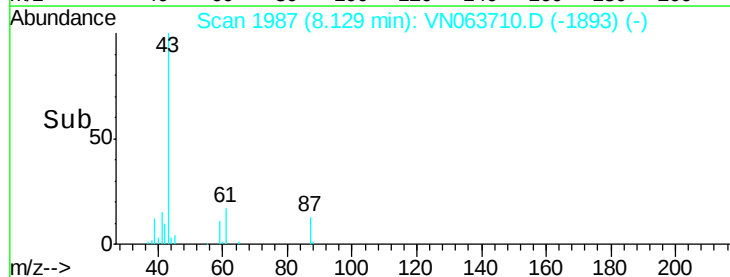
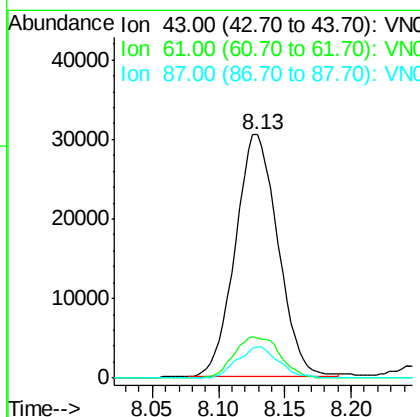
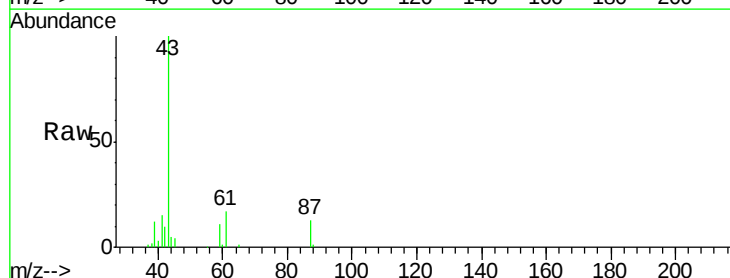
Manual Integrations
 APPROVED

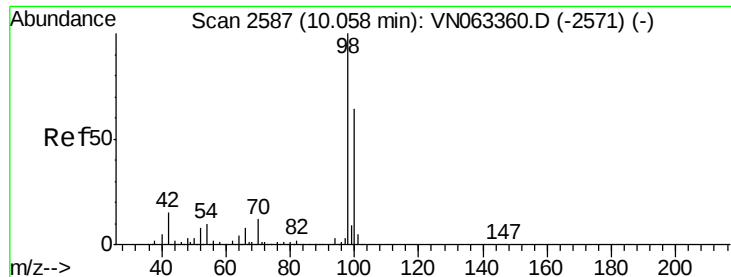
MMDadoda
 9/29/2020 4:38:07 PM



#43
 Isopropyl Acetate
 Concen: 9.406 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063710.D
 Acq: 28 Sep 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	18.3	14.2	21.2	
87	12.4	9.0	13.6	





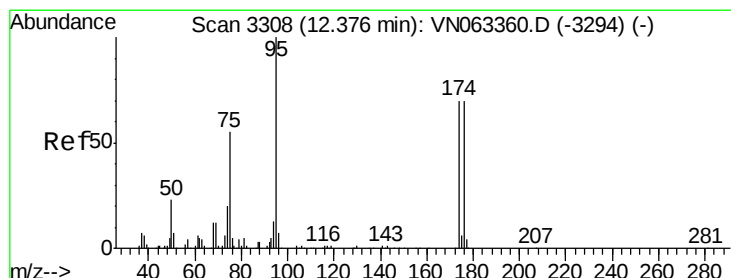
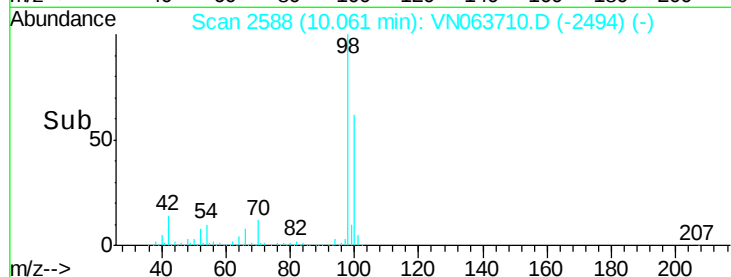
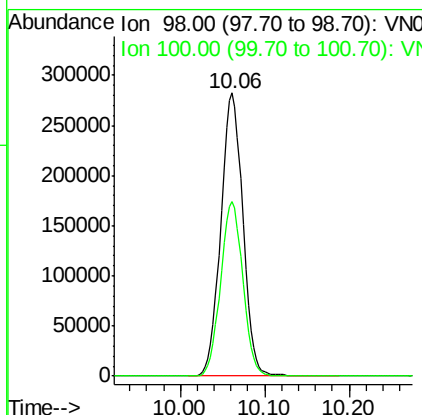
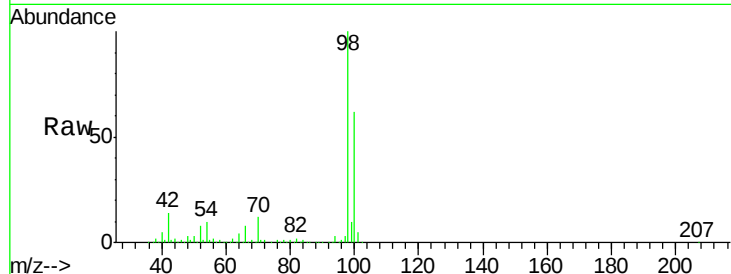
#50
Toluene-d8
Concen: 50.783 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063710.D
Acq: 28 Sep 2020 17:09

Instrument :
MSVOA_N
ClientSampleId :
PAV-B26-092420-0-1

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	62.0	50.7	76.1	

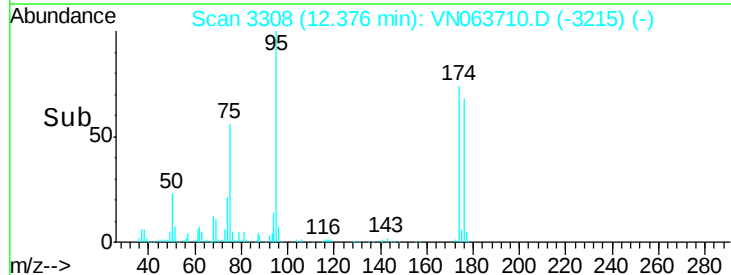
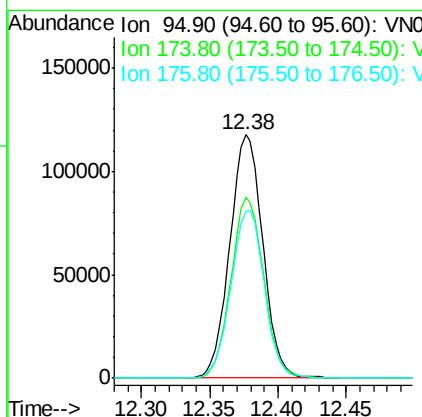
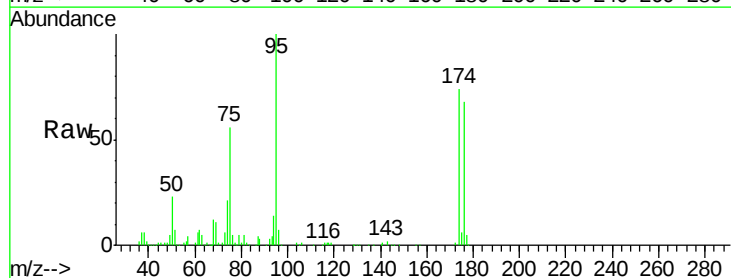
Manual Integrations
APPROVED

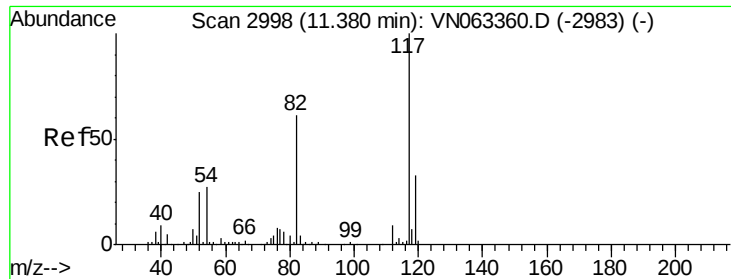
MMDadoda
9/29/2020 4:38:07 PM



#62
4-Bromofluorobenzene
Concen: 53.379 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063710.D
Acq: 28 Sep 2020 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	74.1	0.0	140.8	
176	69.7	0.0	137.6	





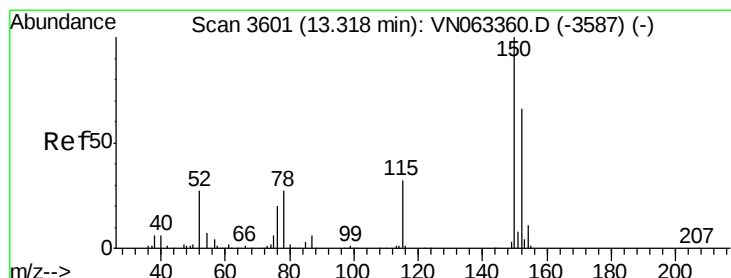
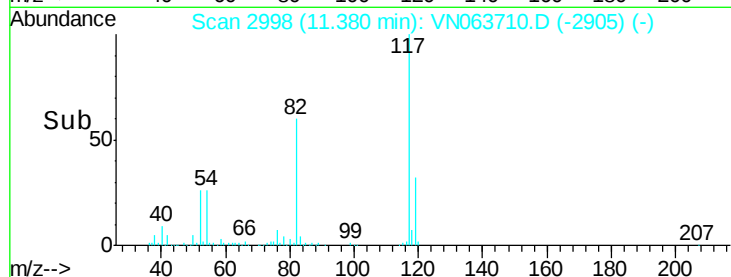
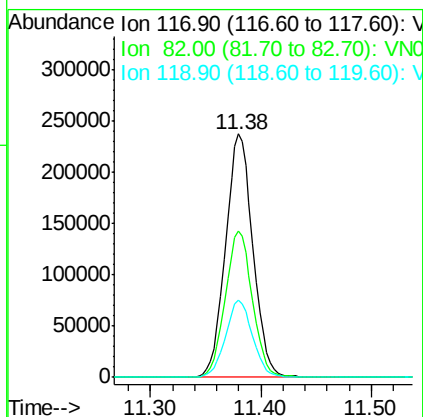
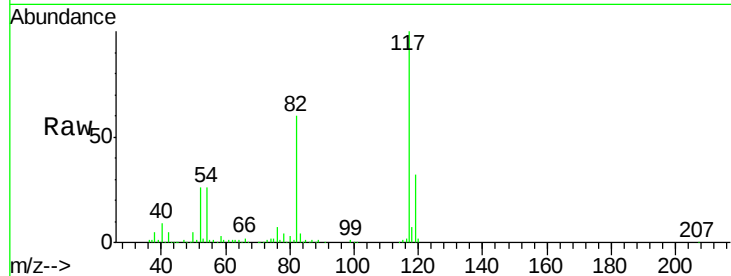
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063710.D
Acq: 28 Sep 2020 17:09

Instrument :
MSVOA_N
ClientSampleId :
PAV-B26-092420-0-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408091		
82	60.0	49.2	73.8	
119	31.7	26.2	39.4	

Manual Integrations
APPROVED

MMDadoda
9/29/2020 4:38:07 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063710.D
Acq: 28 Sep 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	163407		
115	63.6	32.2	96.6	
150	160.4	0.0	343.4	

